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Prin	t Format	[Abstract] [PDF Full-Text (945 KB)] [Full-Text HTML] IEEE JNL
		The quest for the SPIN transistor  Zorpette, G.;  Spectrum, IEEE, Volume: 38, Issue: 12, Dec. 2001  Pages:30 - 35
		[Abstract] [PDF Full-Text (538 KB)] IEEE JNL
		4 Flash [computer memory] Flaherty, N.; IEE Review, Volume: 49, Issue: 11, Nov. 2003 Pages: 50 - 53

5 HeRMES: high-performance reliable MRAM-enabled storage

Miller, E.L.; Brandt, S.A.; Long, D.D.E.;

[PDF Full-Text (355 KB)]

[Abstract]

Hot Topics in Operating Systems, 2001. Proceedings of the Eighth Workshop on , 20-22 May 2001

Pages:95 - 99

#### [Abstract] [PDF Full-Text (577 KB)] IEEE CNF

#### 6 An IC process compatible nonvolatile magnetic RAM

Tang, D.D.; Wang, P.K.; Speriosu, V.S.; Le, S.; Fontana, R.E.; Rishton, S.; Electron Devices Meeting, 1995., International, 10-13 Dec. 1995 Pages:997 - 1000

[Abstract] [PDF Full-Text (144 KB)] IEEE CNF

# 7 Low Current Magnetic-ram Memory Operation With A High Sensitive Spin Valve Material

Matsuyama, K.; Asada, H.; Ikeda, S.; Taniguchi, K.; Magnetics Conference, 1997. Digests of INTERMAG '97., 1997 IEEE International, 1-4 April 1997 Pages:CB-02 - CB-02

[Abstract] [PDF Full-Text (88 KB)] IEEE CNF

#### 8 Thermal stability dependence on states for multi-state MRAM

Yuankai Zheng; Jinjun Qiu; Kebin Li; Zaibing Guo; Yihong Wu; Magnetics Conference, 2003. INTERMAG 2003. IEEE International, 28 March-3 April 2003 Pages:ED - 10

[Abstract] [PDF Full-Text (183 KB)] IEEE CNF

# 9 Low resistance spin-dependent tunneling junctions with naturally oxidized tunneling barrier

Sin, K.; Mao, M.; Chien, C.; Funada, S.; Miloslavsky, L.; Tong, H.-C.; Gupta, S.; Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000 Pages: 2818 - 2820

[Abstract] [PDF Full-Text (72 KB)] IEEE JNL

# 10 Effects of pumping time on GMR and coercivity of RF-sputtered MRAM dual spin-valves

Seongtae Bae; Matsushita, N.; Zurn, S.; Sheppard, L.R.D.; Torok, E.J.; Judy, J.H.; Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000 Pages: 2853 - 2856

[Abstract] [PDF Full-Text (108 KB)] IEEE JNL

# 11 Effects of initial layer surface roughness on GMR performance of Si/Cu/NiFe/Cu/Co/Cu/NiFe dual spin-valves for MRAM

Seongtae Bea; Matsushita, N.; Zurn, S.; Sheppard, L.; Torok, E.J.; Judy, J.H.; Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000 Pages: 2850 - 2852

[Abstract] [PDF Full-Text (60 KB)] IEEE JNL

# $^{\rm 12}\,$ A generalized HSPICE $^{\rm TM}$ macro-model for pinned spin-dependent-tunneling devices

Das, B.; Black, W.C., Jr.;
Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999

Pages: 2889 - 2891

[Abstract] [PDF Full-Text (292 KB)] IEEE JNL

# 13 Proposal and experimental demonstration of magnetic tunnel junction connected in parallel with tunnel diode

Uemura, T.; Honma, S.; Marukame, T.; Yamamoto, M.; Electronics Letters, Volume: 39, Issue: 21, 16 Oct. 2003

Pages:1549 - 1551

[Abstract] [PDF Full-Text (195 KB)] IEE JNL

# 14 Resistance ratio read (R/sup 3/) architecture for a burst operated 1.5V MRAM macro

Inaba, T.; Tsuchida, K.; Sugibayashi, T.; Tahara, S.; Yoda, H.; Custom Integrated Circuits Conference, 2003. Proceedings of the IEEE 2003, 21-24 Sept. 2003 Pages: 399 - 402

[Abstract] [PDF Full-Text (337 KB)] IEEE CNF

#### 15 Empty square as a hard-layer for MRAM

Geerpuram, D.; Mani, A.S.; Ayloo, K.; Domanowski, A.; Metlushko, V.; Magnetics Conference, 2003. INTERMAG 2003. IEEE International, 28 March-3 April 2003

Pages:ED - 08

[Abstract] [PDF Full-Text (204 KB)] IEEE CNF

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Durlam, M.; Naji, P.; Omair, A.; DeHerrera, M.; Calder, J.; Slaughter, J.M.; Engel, B.; Rizzo, N.; Grynkewich, G.; Butcher, B.; Tracy, C.; Smith, K.; Kyler, K.; Ren, J.; Molla, J.; Feil, B.; Williams, R.; Tehrani, S.;

VLSI Circuits Digest of Technical Papers, 2002. Symposium on , 13-15 June 2002 Pages:158 - 161

[Abstract] [PDF Full-Text (396 KB)] IEEE CNF

# 2 A 1-Mbit MRAM based on 1T1MTJ bit cell integrated with copper interconnects

Durlam, M.; Naji, P.J.; Omair, A.; DeHerrera, M.; Calder, J.; Slaughter, J.M.; Engel, B.N.; Rizzo, N.D.; Grynkewich, G.; Butcher, B.; Tracy, C.; Smith, K.; Kyler, K.W.; Ren, J.J.; Molla, J.A.; Feil, W.A.; Williams, R.G.; Tehrani, S.; Solid-State Circuits, IEEE Journal of, Volume: 38, Issue: 5, May 2003 Pages: 769 - 773

[Abstract] [PDF Full-Text (1084 KB)] IEEE JNL

# 3 A 10 ns read and write non-volatile memory array using a magnetic tunnel junction and FET switch in each cell

Scheuerlein, R.; Gallagher, W.; Parkin, S.; Lee, A.; Ray, S.; Robertazzi, R.; Reohr, W.;

Solid-State Circuits Conference, 2000. Digest of Technical Papers. ISSCC. 2000 IEEE International , 7-9 Feb. 2000

Pages:128 - 129

[Abstract] [PDF Full-Text (215 KB)] IEEE CNF

4 High speed (10-20 ns) non-volatile MRAM with folded storage elements Ranmuthu, K.T.M.; Ranmuthu, I.W.; Pohm, A.V.; Comstock, C.S.; Hassoun, M.; Magnetics, IEEE Transactions on , Volume: 28 , Issue: 5 , Sep 1992

Pages: 2359 - 2361

#### [Abstract] [PDF Full-Text (252 KB)] IEEE JNL

#### 5 A 0.18 /spl mu/m 4Mb toggling MRAM

Durlam, M.; Addie, D.; Akerman, J.; Butcher, B.; Brown, P.; Chan, J.; DeHerrera, M.; Engel, B.N.; Feil, B.; Grynkewich, G.; Janesky, J.; Johnson, M.; Kyler, K.; Molla, J.; Martin, J.; Nagel, K.; Ren, J.; Rizzo, N.D.; Rodriguez, T.; Savtchenko, L.; Salter, J.; Slaughter, J.M.; Smith, K.; Sun, J.J.; Lien, M.; Papworth, K.; Shah, P.; Qin, W.; Williams, R.; Wise, L.; Tehrani, S.;

Electron Devices Meeting, 2003. IEDM '03 Technical Digest. IEEE International , 8-10 Dec. 2003

Pages:34.6.1 - 34.6.3

[Abstract] [PDF Full-Text (409 KB)] IEEE CNF

6 Fully integrated 64 Kb MRAM with novel reference cell scheme
Jeong, H.S.; Jeong, G.T.; Koh, G.H.; Song, I.H.; Park, W.J.; Kim, T.W.; Jeong,
S.J.; Hwang, Y.N.; Ahn, S.J.; Kim, H.J.; Hong, J.S.; Jeong, W.C.; Lee, S.H.; Park,
J.H.; Cho, W.Y.; Kim, J.S.; Song, S.H.; Park, S.O.; Jeong, U.I.; Kim, K.;

Electron Devices Meeting, 2002. IEDM '02. Digest. International, 8-11 Dec. 2002 Pages:551 - 554

[Abstract] [PDF Full-Text (359 KB)] IEEE CNF

# 7 High-performance MRAM technology with an improved magnetic tunnel junction material

Motoyoshi, M.; Moriyama, K.; Mori, H.; Fukumoto, C.; Itoh, H.; Kano, H.; Bessho, K.; Narisawe, H.;

VLSI Technology, 2002. Digest of Technical Papers. 2002 Symposium on , 11-13 June 2002

Pages:212 - 213

[Abstract] [PDF Full-Text (385 KB)] IEEE CNF

# 8 Optimizing Write Current and Power Dissipation in MRAMs by Using an Astroid Curve

Miyatake H.; Sunaga T.; Umezaki H.; Asano H.;

Transactions on Magnetics : Accepted for future publication , Volume: PP , Issue: 99 , 2004

Pages:1

[Abstract] [PDF Full-Text (320 KB)] IEEE JNL

### 9 A Novel Current-Mode Sensing Scheme for Magnetic Tunnel Junction MRAM

Au, E.K.S.; Ki, W.-H.; Mow, W.H.; Hung, S.T.; Wong, C.Y.; Magnetics, IEEE Transactions on , Volume: 40 , Issue: 2 , March 2004 Pages:483 - 488

[Abstract] [PDF Full-Text (232 KB)] IEEE JNI

# 10 Magnetostatic coupling in spin dependent tunnel junctions Dexin Wang; Daughton, J.M.; Reed, D.; Wang, W.D.; Jian-Qing Wang; Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000 Pages: 2802 - 2805

#### [Abstract] [PDF Full-Text (84 KB)] IEEE JNL

11 A novel low power VMRAM/MTJ design with robust magnetic switching

Xiaochun Zhu; Jian-Gang Zhu;

Magnetics Conference, 2003. INTERMAG 2003. IEEE International, 28 March-3 April 2003

Pages:ED - 07

[Abstract] [PDF Full-Text (194 KB)] IEEE CNF

2003 Symposium on VLSI Circuits. Digest of Technical Papers (IEEE Cat. No.03CH37408)

VLSI Circuits, 2003. Digest of Technical Papers. 2003 Symposium on , 12-14 June 2003

[Abstract] [PDF Full-Text (338 KB)] IEEE CNF

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"movement sensor" laptop



#### Weh

Results 1 - 10 of about 331 for "movement sensor" laptop. (0.19 seconds)

#### **TIPSTRIP**

... saucer shape makes it impossible to grip and it cannot be pulled or twisted off the

laptop. Its operates using an intelligent movement sensor, controlled by a ...

www.robsecure.com/alarms.htm - 60k - Cached - Similar pages

#### Linux on a Clevo (AJP Branded) 3220 laptop

... I have a Kensington USB portable mouse with a coool LED **movement** sensor that works

fine ... e-mail attempt I made to ask AJP for help with this laptop resulted in ...

www.g4nzg.btinternet.co.uk/3200linux/ - 8k - Cached - Similar pages

#### **Laptop PC - Transport & Alarms**

... movement sensor alarm. Just lift the writing tray of this luxuriously appointed

briefcase and you will find a special Polyfoam protected area for your laptop ...

www.insight-security.com/ pf01-5%20Laptransport%20&%20Alarms.htm - 23k - Cached - Similar pages

#### WHAT WE USE - a list

... WHAT WE USE - a list. **Laptop** computer ( currently a Dell Inspiron Pentium 1.2 Gh ... Ricoh

XRP. Ricoh XRX. Yashica Auto focus (these have a built in movement sensor)....

www.fortunecity.com/marina/mainbrace/2019/id32\_m.htm - 13k - <u>Cached - Similar pages</u>

# Mediquipped.com Child Safety Baby Care - Prices and Reviews at ...

... BebeSounds Angelcare **Movement Sensor** with Sound Monitor Alerting you to check your

baby only if she becomes absolutely still for 20 seconds and no movement ...

www.shop.earthlink.dealtime.com/ xDN-Baby\_Care--child\_safetymediquipped\_com - 35k - Supplemental Result - <u>Cached</u> - <u>Similar pages</u>

#### Multi purpose portable alarm for Laptops - FAQs

... The IT-Woofa™ uses a **movement sensor** with sirens controlled by a microprocessor. ... What

makes the IT-Woofa™ special in preventing the theft of my laptop? ...

www.business-presentations.co.uk/alarmfaq.htm - 23k - Jun 11, 2004 - Cached - Similar pages

#### [PDF] AWAW

File Format: PDF/Adobe Acrobat

... Built-in **movement sensor** • Built-in tamper ... Examples of Portable Asset Tag usage include: **laptop** PCs, mobile laboratory equipment, and video equipment. ... www.ademcoint.com/pdfs/nc/assetwatch1.pdf - <u>Similar pages</u>

#### vnunet.com APC Lapdog

Sponsored Links

Wal-Mart Baby
Angelcare Movement Sensor with
Sound Monitor
www.walmart.com

Laptop Parts Sale 888-527-8677 New and refurbished laptop parts and accessories. www.laptopparts.com

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www.activeswitchandsensor.co.uk

Laptop Replacement Parts
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Upgrade and repair parts available
www.prioritycomputerparts.com

Laptop spares 08707773015
We locate spares for all laptops
Power supplies and batteries etc
www.laptopspares.com

AngelCare Movement Sensor
BebeSounds Baby Movement Sensor Is
Now Only \$79.99 with \$8 Shipping.
BabyOffice.com

See your message here...

... Each year in the UK thousands of laptop computers are stolen, increasing the ... The dongle contains a movement sensor which detects any migration of the notebook ... www.infomaticsonline.co.uk/Products/Hardware/1130432 - 47k - Cached - Similar pages

#### ISA | Pinto's Point: MEMS accelerometers for motion detection

... And they are working with laptop manufacturers to try to get it integrated into ... inertial motion sensor chip that can act as a movement sensor, to protect ... www.isa.org/intechnews.cfm?id=3129 - 34k - Cached - Similar pages

Clinical Systems - Comet PSG

... Model ACS-20944-01, Dedicated Ethernet/Modem Card for AS40 connection for laptop use (included with portable ... Model 1699, Dual Periodic Limb Movement Sensor Kit. ... www.grass-telefactor.com/ products/clinsystems/cmpsg2.html - 67k - Cached - Similar pages

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US-PAT-NO:

5954820

DOCUMENT-IDENTIFIER: US 5954820 A

TITLE:

Portable computer with adaptive demand-driven power

management

----- KWIC -----

Application Filing Date - AD (1): 19970926

Detailed Description Text - DETX (13):

The two commonpower-save modes are referred to as IDLE2 and STANDBY. In the IDLE2 mode, the actuator 63 is parked (i.e., moved to the outer edge of disk 60), and the servo control electronics 53 and read electronics, including preamplifier and channel 54, are turned off. The IDLE2 mode thus substantially preamplifier and channel 54, are turned off. The IDLE2 mode thus substantially reduces or removes power to servo control electronics 53, preamplifier and channel 54. In the IDLE2 power-save mode, it is also possible to reduce <u>power</u> to controller 56 because the servo and <u>read</u> tasks are not active. In the STANDBY mode, the actuator 63 is moved to its parking location and the spindle motor 62 and spindle driver 51 are turned off. The STANDBY power-save mode has all the power savings of IDLE2, plus the additional reduction in power to spindle control electronics portion of controller 56 and spindle driver 51. In some implementations, buffer 57 may also be turned off in one or both of the IDLE2 and STANDBY modes. Additional power-save modes are also possible. For example, the SLEEP mode includes the power-save features of STANDBY and also has almost all remaining electronics turned off, leaving powered on only a portion of the controller 56 and whatever else is necessary to respond to a SLEEP recovery command from computer IDE controller 6 (FIG. 1).